

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/687,850
<i>(Use as many sheets as necessary)</i>			Filing Date	10-17-03
Sheet 1 of 2			First Named Inventor	Burke
			Art Unit	1753
			Examiner Name	Allison L. Watts
			Attorney Docket Number	007404-000558

U.S. PATENT DOCUMENTS						
Examiner initial*	Cite No. 1	Document Number		Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
an	1	US-4,929,426		05-29-90	Bodai et al.	
an	2	US-5,232,667		08-03-93	Hieb et al.	
an	3	US-5,261,411		11-16-93	Hughes, Timothy J.	
an	4	US-5,748,002		05-05-98	Scott et al.	
an	5	US-6,004,442		12-21-99	Choulga et al.	
an	6	US-7,018,843		03-28-06	Heller, Zindel Herbert	

FOREIGN PATENT DOCUMENTS								
Examiner Initial*	Cite No. 1	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country ² Code	Number ⁴	Kind Code (if known)				

Examiner Signature	<i>Chlo Nagengast</i>	Date Considered	10/25/07
---------------------------	-----------------------	------------------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not Considered. Include of this form with next communication to applicant.

1. Applicant's unique citation designation number (optional) 2. See Kinds codes of USPTO patent Documents. at www.uspto.gov or MPEP 901.04.
 3. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3.) 4. For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786,9199) and select option 2.

Under the Paperwork reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO			Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/687,850
			Filing Date	10-17-03
<i>(Use as many sheets as necessary)</i>			First Named Inventor	Burke
			Group Art Unit	1753
Sheet 2 of 2			Examiner Name	Allison L. Watts
			Attorney Docket Number	007404-000558

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
an	7	Bedell ("Admittance and Impedance Loci," Proc. Phys. Soc. London 14 327-336) 1895	
an	8	De Vries, P.M.J.M. et al, Medical and Biological Engineering and Computing, 1993,31, 445-448	
an	9	Doss, J.D. et al, Medical Physics 1986, 13, 876-881	
an	10	Fare, T.L. et al, Biosensors & Bioelectronics 1998, 13, 459-470.	
an	11	pages 320-322 of Microsystem Design by Stephen Senturia, Kluwer Academic Publishers (2002)	
an	12	Singhal, P. et al, Analytical Chemistry 1997, 69, 1662-1668.	
an	13	TjIn, S.C. et al, Medical and Biological Engineering and Computing, 1998,36,467-470.	
an	14	Yamakoshi, K. - I. et al, Medical and Biological Engineering and Computing, 1994,32, SUPPL., S99-S107	
an	15	Yamakoshi, K.I. et al, IEEE transactions on bio-medical engineering, 1980,27, 156-161.	

Examiner Signature	<i>Chris Neegerala</i>	Date Considered	10/25/07
-----------------------	------------------------	--------------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1. Applicant's unique citation designation number. (optional) 2. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.